



**AOF Test Check Program
Bimonthly Report
Round 5
September – 2017**

Result Receival Dates

Laboratory Code	Date
A	22/9/2017
B	
C	28/09/2017
D	3/10/2017
E	30/09/2017
F	28/09/2017
G	12/09/2017
H	11/09/2017
I	15/09/2017
J	20/09/2017
K	8/09/2017
L	25/09/2017
M	26/09/2017
N	
O	4/10/2017
Q	
R	27/09/2017
S	28/09/2017

Discussion of Results

Test Weight

No outliers were observed.



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Impurities

Sample 1 – No outlier observed.

Sample 2 – One outlier is observed for Lab J with a - 0.80% discrepancy from the average mean.

Sample 3 – One outlier is observed for Lab A with a + 0.39% discrepancy from the average mean.

Oil Rapid

Sample 1 – No outlier observed.

Sample 2 – No outlier observed.

Sample 3 – One outlier is observed for Lab L with a - 1.69% discrepancy from the average mean.

Oil Solvent Extraction

Sample 1 – No outlier observed.

Sample 2 – One outlier is observed for Lab D with a – 2.00% discrepancy from the average mean.

Sample 3 – No outlier observed.

Moisture Oven

Sample 1 – Lab C reported single result for this test, outlier is observed being + 0.98% discrepancy from the average mean.

Sample 2 – Lab C reported single result for this test, outlier is observed being + 0.45% discrepancy from the average mean.

Lab D with -0.42% discrepancy from the average mean.

Lab I with -0.41% discrepancy from the average mean.

Sample 3 – Lab I with -0.41% discrepancy from the average mean.



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Moisture Rapid

No outlier observed.

Oleic acid

No outlier observed.

Linoleic acid

No outlier observed.

Linolenic acid

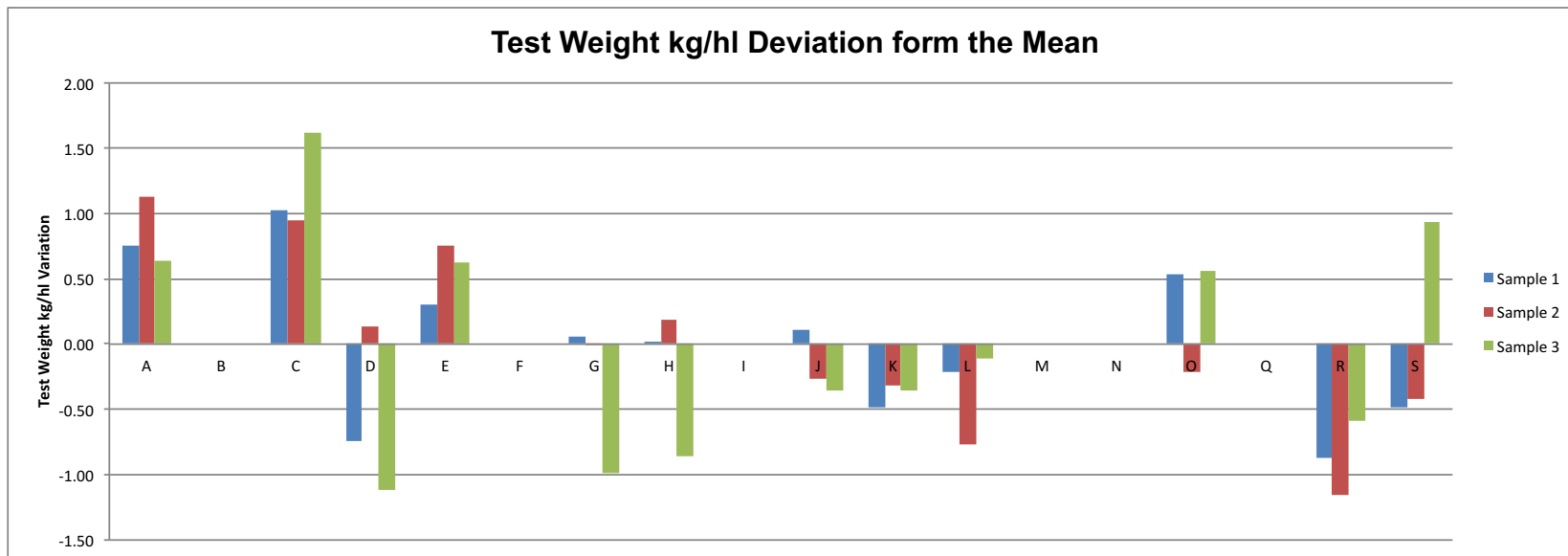
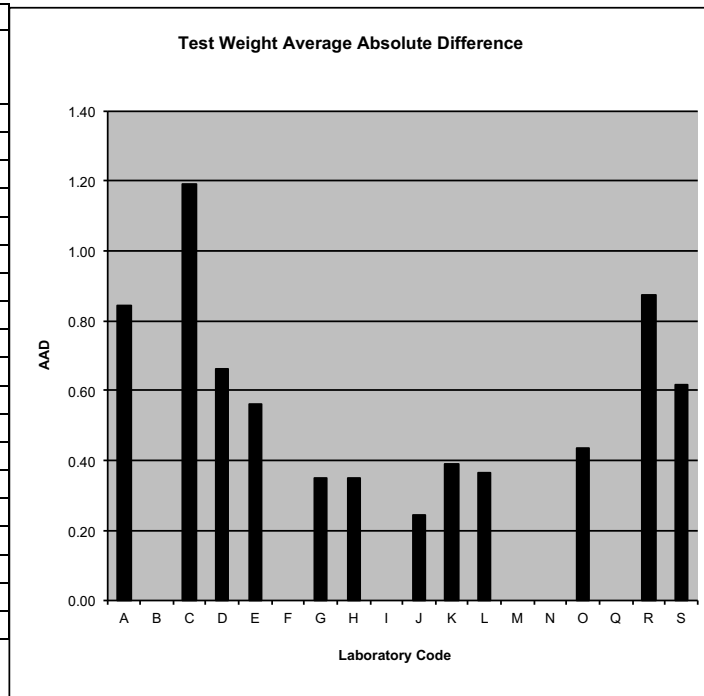
No outlier observed.

Free Fatty Acid

No outlier observed.

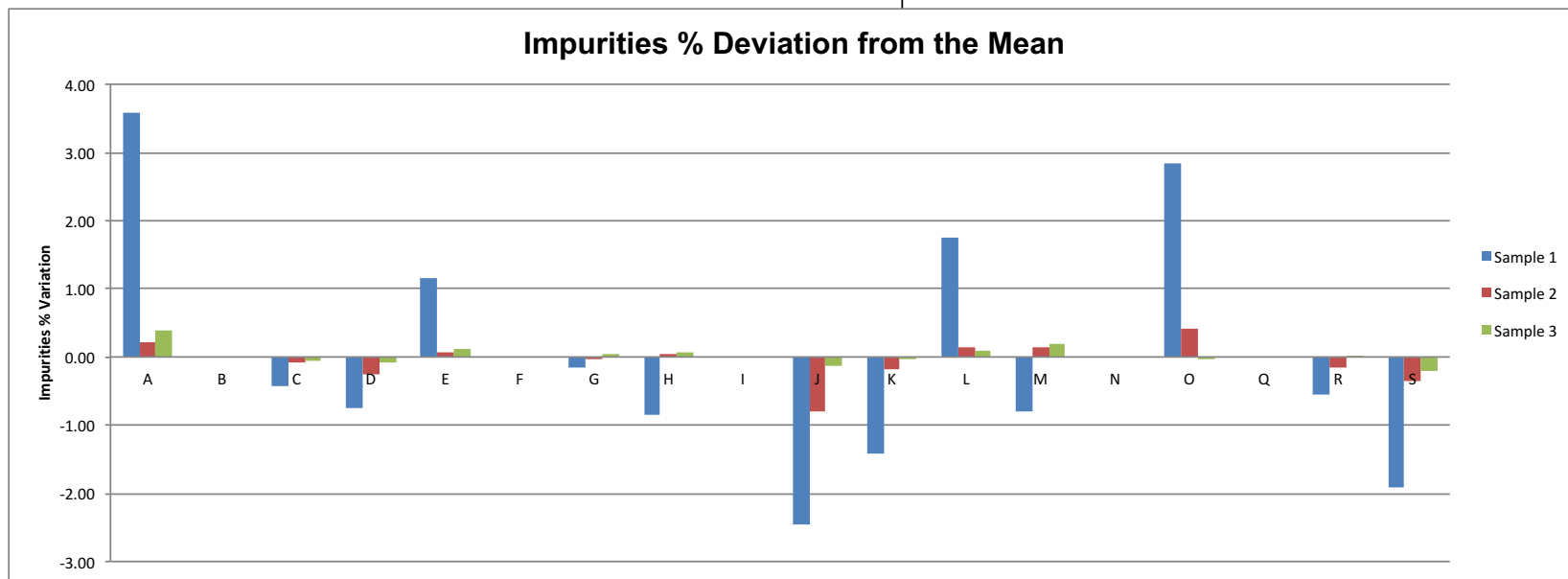
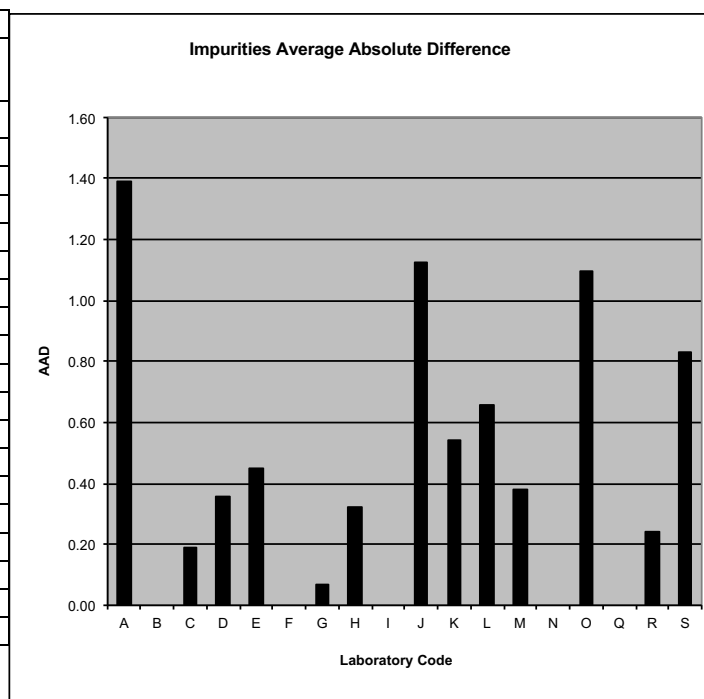
2017 AOF Test Check Program Round 5 Summary – September

Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	69.75	0.76	66.75	1.13	68.50	0.64	0.84	0.84
B								
C	70.02	1.03	66.56	0.94	69.48	1.61	1.19	1.19
D	68.25	-0.74	65.75	0.13	66.75	-1.11	-0.57	0.66
E	69.30	0.31	66.37	0.75	68.49	0.62	0.56	0.56
F								
G	69.05	0.06	65.62	0.00	66.88	-0.99	-0.31	0.35
H	69.00	0.01	65.80	0.18	67.00	-0.86	-0.22	0.35
I								
J	69.10	0.11	65.35	-0.27	67.50	-0.36	-0.17	0.25
K	68.50	-0.49	65.30	-0.32	67.50	-0.36	-0.39	0.39
L	68.77	-0.22	64.86	-0.76	67.75	-0.11	-0.36	0.36
M								
N								
O	69.52	0.53	65.40	-0.22	68.42	0.56	0.29	0.44
Q								
R	68.12	-0.87	64.46	-1.16	67.27	-0.59	-0.87	0.87
S	68.50	-0.49	65.20	-0.42	68.80	0.94	0.01	0.62
MEAN	68.99		65.62		67.86			0.57
STDEV	0.59		0.68		0.86			



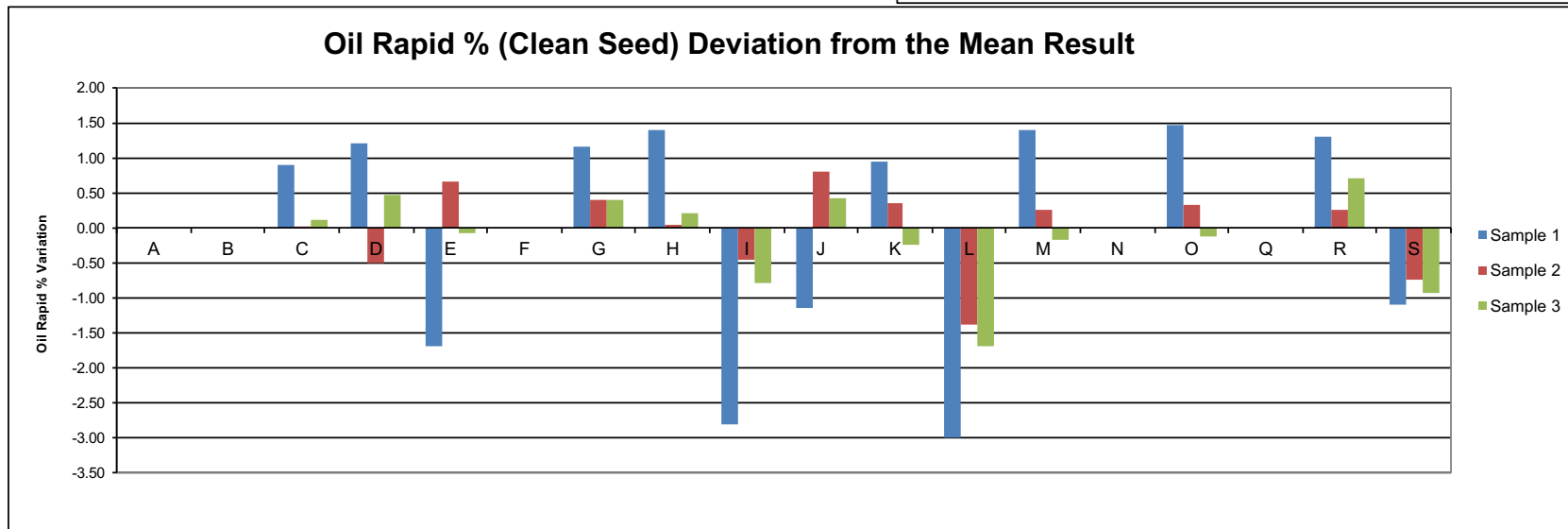
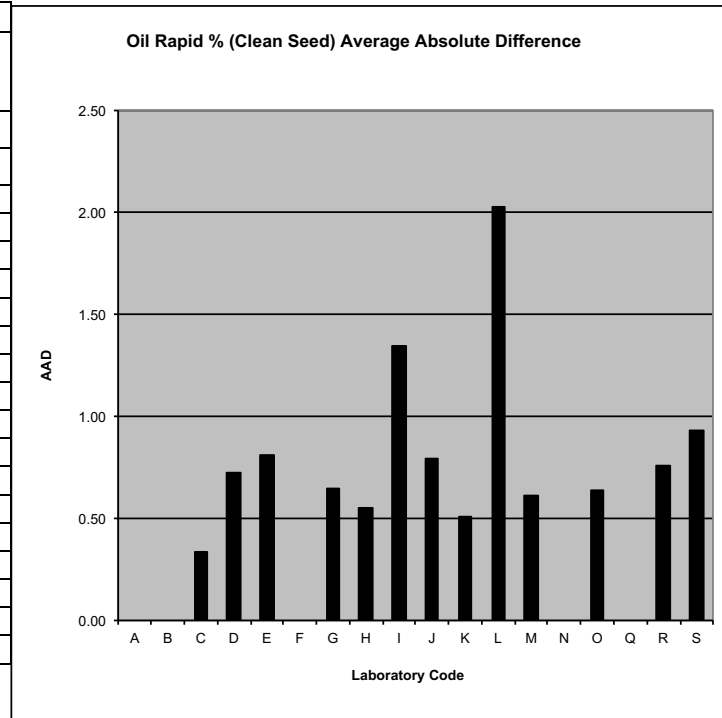
2017 AOF Test Check Program Round 5 Summary – September

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.63	3.58	1.41	0.21	0.82	0.39	1.39	1.39
B								
C	2.62	-0.44	1.11	-0.09	0.38	-0.05	-0.19	0.19
D	2.30	-0.75	0.95	-0.25	0.35	-0.08	-0.36	0.36
E	4.21	1.16	1.27	0.07	0.56	0.13	0.45	0.45
F								
G	2.89	-0.17	1.19	-0.01	0.46	0.03	-0.05	0.07
H	2.20	-0.85	1.25	0.05	0.50	0.07	-0.24	0.33
I								
J	0.60	-2.45	0.40	-0.80	0.30	-0.13	-1.13	1.13
K	1.64	-1.41	1.02	-0.18	0.40	-0.03	-0.54	0.54
L	4.81	1.76	1.33	0.13	0.52	0.09	0.66	0.66
M	2.25	-0.81	1.34	0.14	0.62	0.19	-0.16	0.38
N								
O	5.90	2.85	1.60	0.40	0.40	-0.03	1.08	1.09
Q								
R	2.50	-0.55	1.05	-0.15	0.45	0.02	-0.23	0.24
S	1.13	-1.93	0.85	-0.35	0.22	-0.21	-0.83	0.83
MEAN	3.05		1.20		0.43			0.59
STDEV	1.81		0.21		0.11			



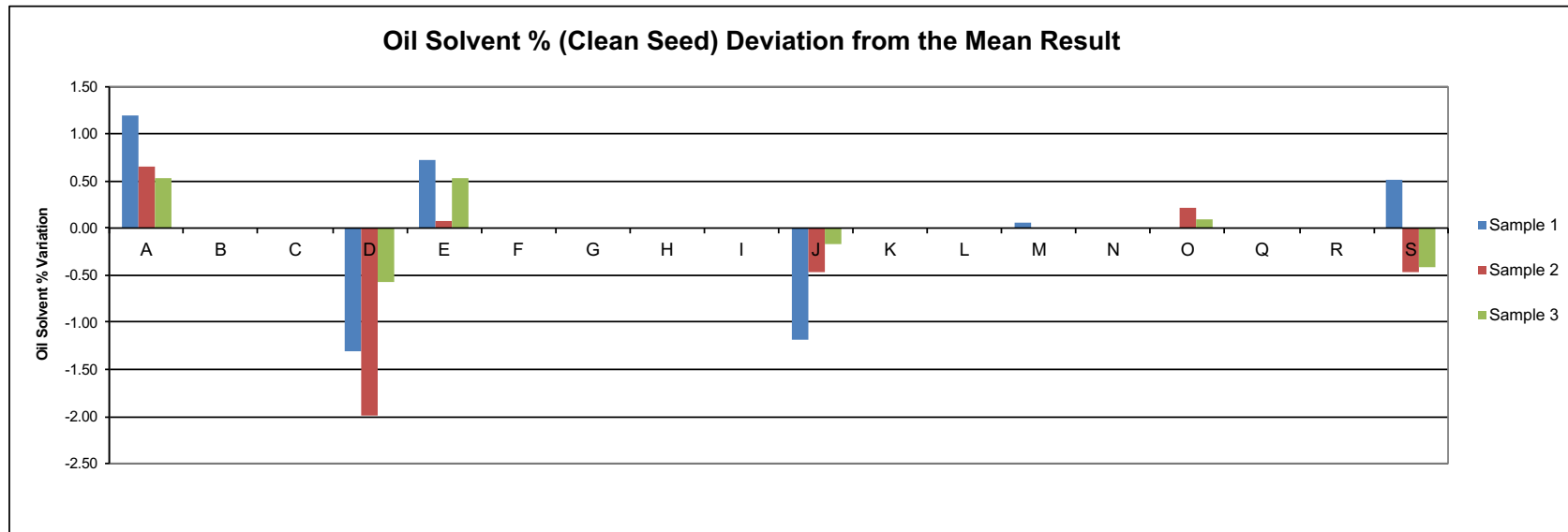
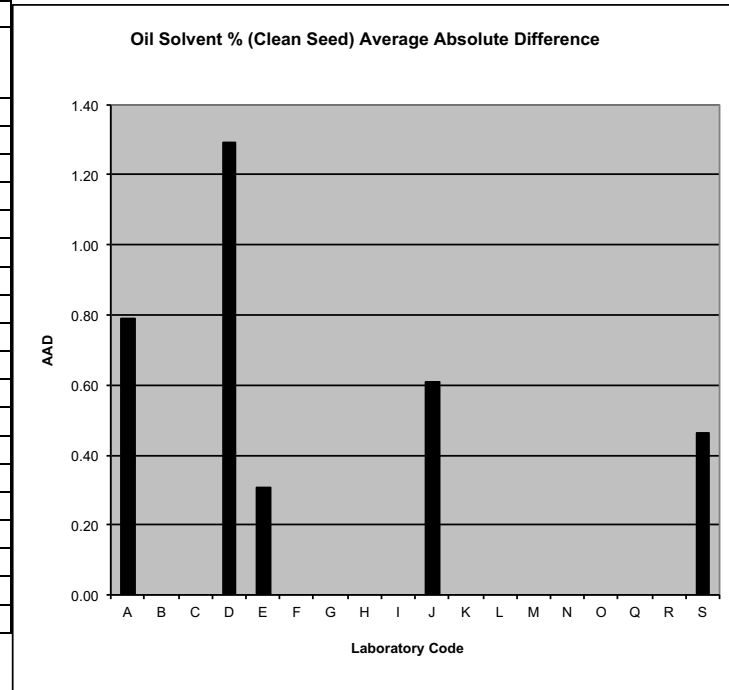
2017 AOF Test Check Program Round 5 Summary – September

Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	43.65	0.90	49.75	0.00	45.85	0.12	0.34	0.34
D	43.95	1.20	49.25	-0.50	46.20	0.47	0.39	0.72
E	41.05	-1.70	50.40	0.65	45.65	-0.08	-0.38	0.81
F								
G	43.90	1.15	50.16	0.41	46.13	0.40	0.65	0.65
H	44.15	1.40	49.80	0.05	45.95	0.22	0.56	0.56
I	39.95	-2.80	49.30	-0.45	44.95	-0.78	-1.34	1.34
J	41.60	-1.15	50.55	0.80	46.15	0.42	0.02	0.79
K	43.70	0.95	50.10	0.35	45.50	-0.23	0.36	0.51
L	39.76	-3.00	48.36	-1.39	44.05	-1.69	-2.03	2.03
M	44.15	1.40	50.00	0.25	45.55	-0.18	0.49	0.61
N								
O	44.22	1.46	50.09	0.34	45.61	-0.12	0.56	0.64
Q								
R	44.05	1.30	50.00	0.25	46.45	0.72	0.76	0.76
S	41.65	-1.10	49.00	-0.75	44.80	-0.93	-0.93	0.93
MEAN	42.75		49.75		45.73			0.82
STDEV	1.69		0.62		0.67			



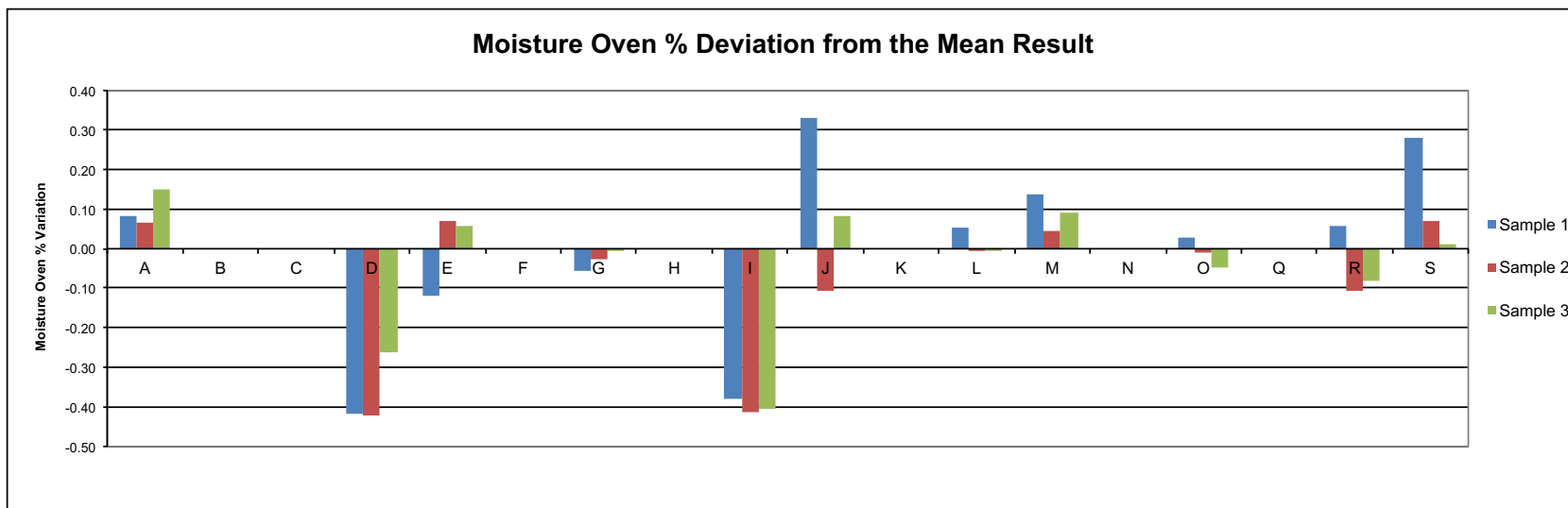
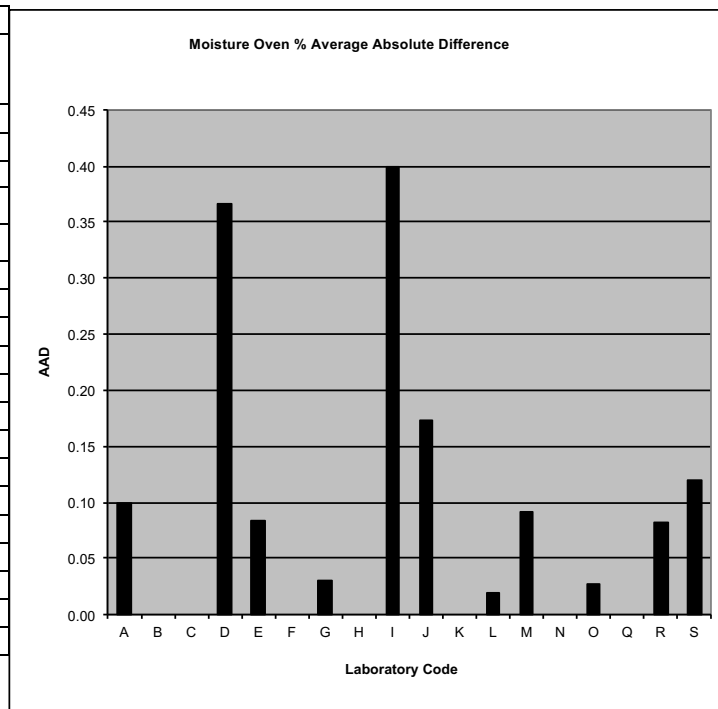
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Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	43.48	1.19	51.27	0.65	46.60	0.53	0.79	0.79
B								
C								
D	40.99	-1.31	48.62	-2.00	45.49	-0.58	-1.29	1.29
E	43.02	0.73	50.70	0.08	46.60	0.54	0.31	0.31
F								
G								
H								
I								
J	41.10	-1.19	50.15	-0.47	45.90	-0.16	-0.61	0.61
K								
L								
M	42.36	0.06						
N								
O			50.83	0.21	46.16	0.09		
Q								
R								
S	42.80	0.51	50.15	-0.47	45.65	-0.41	-0.12	0.46
MEAN	42.29		50.62		46.06			0.69
STDEV	1.03		0.48		0.47			



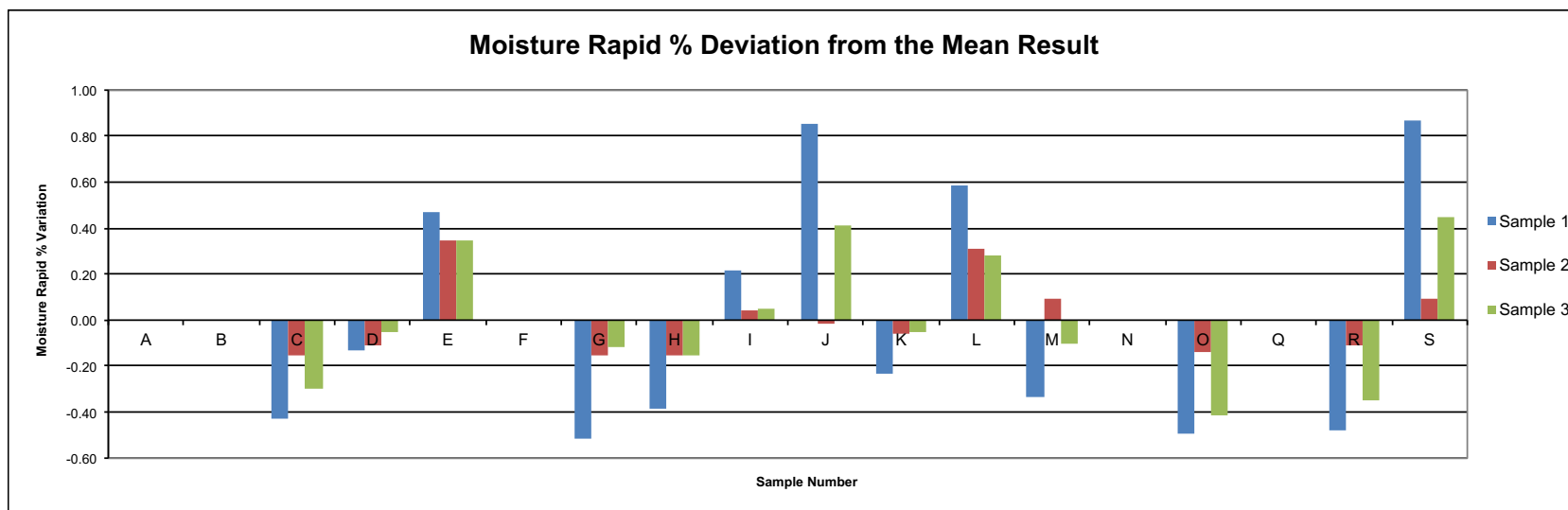
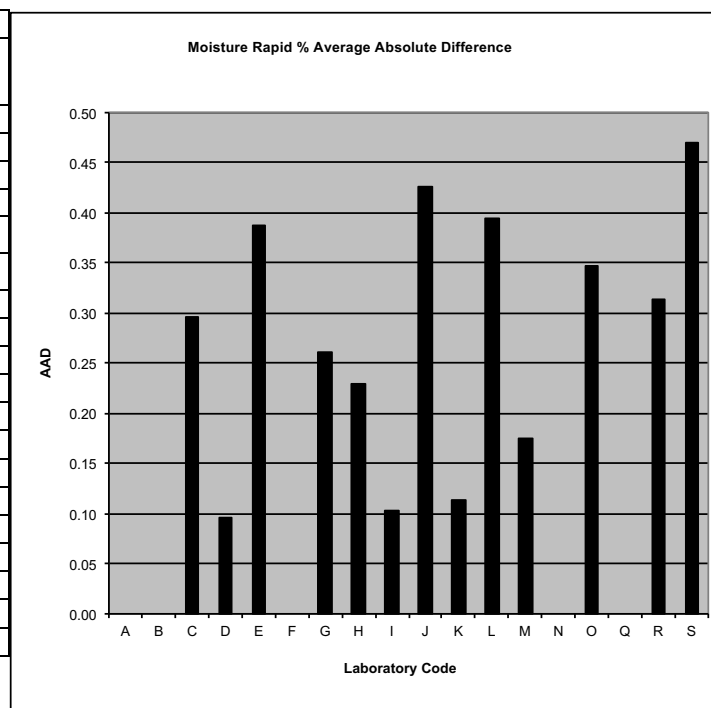
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	5.46	0.08	4.85	0.07	5.64	0.15	0.10	0.10
B								
C								
D	4.96	-0.42	4.36	-0.42	5.23	-0.26	-0.37	0.37
E	5.25	-0.12	4.85	0.07	5.55	0.06	0.00	0.08
F								
G	5.32	-0.06	4.75	-0.03	5.49	-0.01	-0.03	0.03
H								
I	4.99	-0.38	4.37	-0.41	5.09	-0.41	-0.40	0.40
J	5.70	0.33	4.67	-0.11	5.58	0.08	0.10	0.17
K								
L	5.43	0.05	4.78	0.00	5.49	0.00	0.02	0.02
M	5.51	0.14	4.83	0.05	5.58	0.09	0.09	0.09
N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O	5.40	0.03	4.77	-0.01	5.45	-0.05	-0.01	0.03
Q								
R	5.43	0.06	4.67	-0.11	5.41	-0.08	-0.04	0.08
S	5.65	0.28	4.85	0.07	5.50	0.01	0.12	0.12
MEAN	5.37		4.78		5.49			0.14
STDEV	0.24		0.07		0.11			



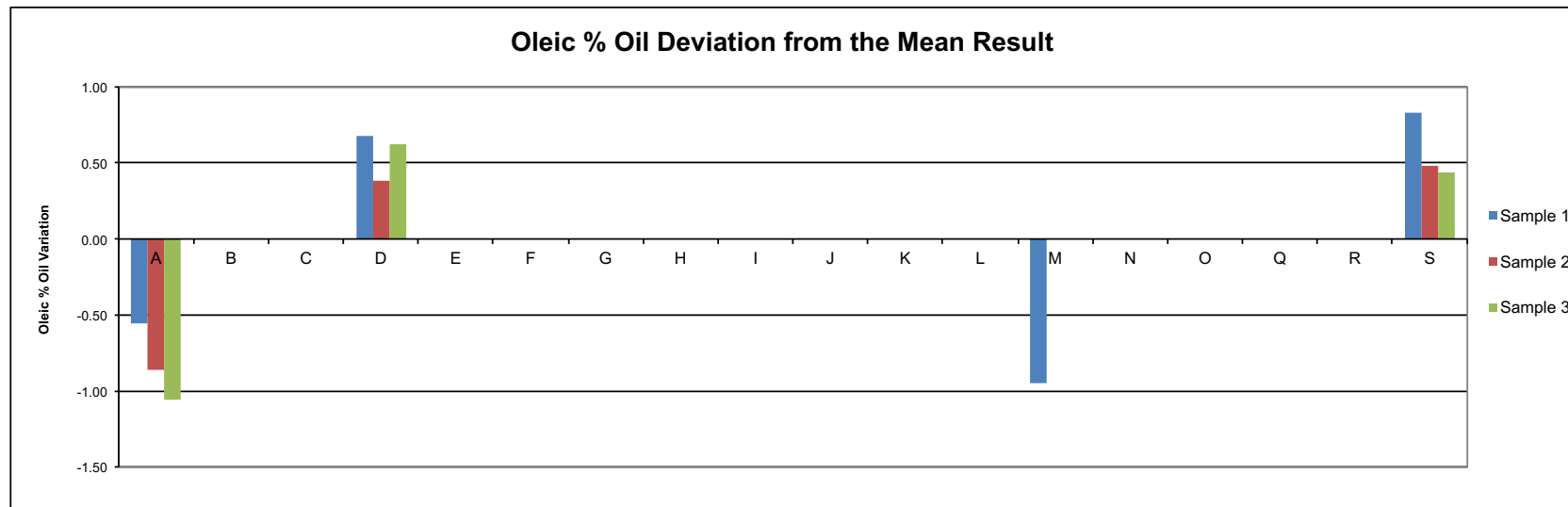
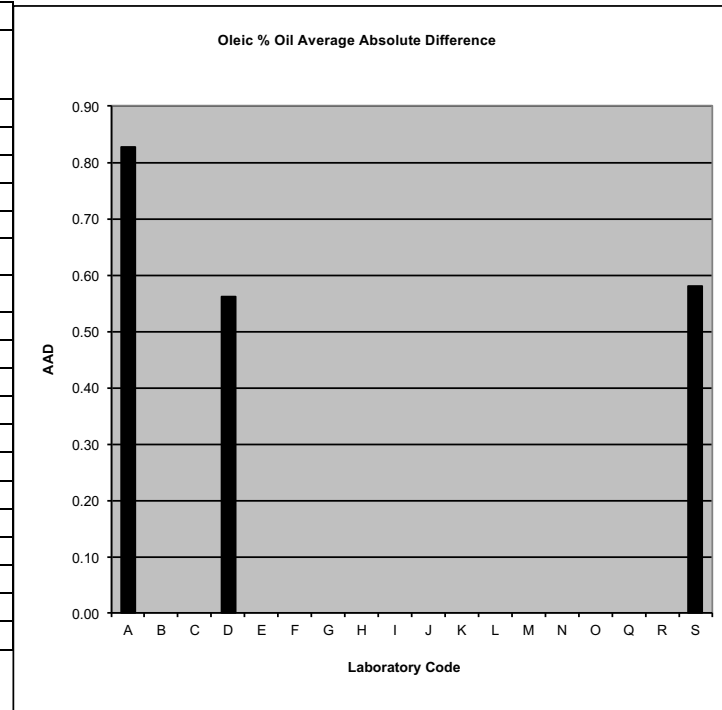
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	4.40	-0.43	4.40	-0.16	4.75	-0.30	-0.30	0.30
D	4.70	-0.13	4.45	-0.11	5.00	-0.05	-0.10	0.10
E	5.30	0.47	4.90	0.34	5.40	0.35	0.39	0.39
F								
G	4.32	-0.51	4.40	-0.16	4.94	-0.12	-0.26	0.26
H	4.45	-0.38	4.40	-0.16	4.90	-0.15	-0.23	0.23
I	5.05	0.22	4.60	0.04	5.10	0.05	0.10	0.10
J	5.69	0.85	4.54	-0.02	5.46	0.41	0.42	0.43
K	4.60	-0.23	4.50	-0.06	5.00	-0.05	-0.11	0.11
L	5.42	0.59	4.87	0.31	5.34	0.28	0.40	0.40
M	4.50	-0.33	4.65	0.09	4.95	-0.10	-0.11	0.18
N								
O	4.34	-0.49	4.42	-0.14	4.64	-0.41	-0.35	0.35
Q								
R	4.35	-0.48	4.45	-0.11	4.70	-0.35	-0.31	0.31
S	5.70	0.87	4.65	0.09	5.50	0.45	0.47	0.47
MEAN	4.83		4.56		5.05			0.28
STDEV	0.53		0.17		0.29			



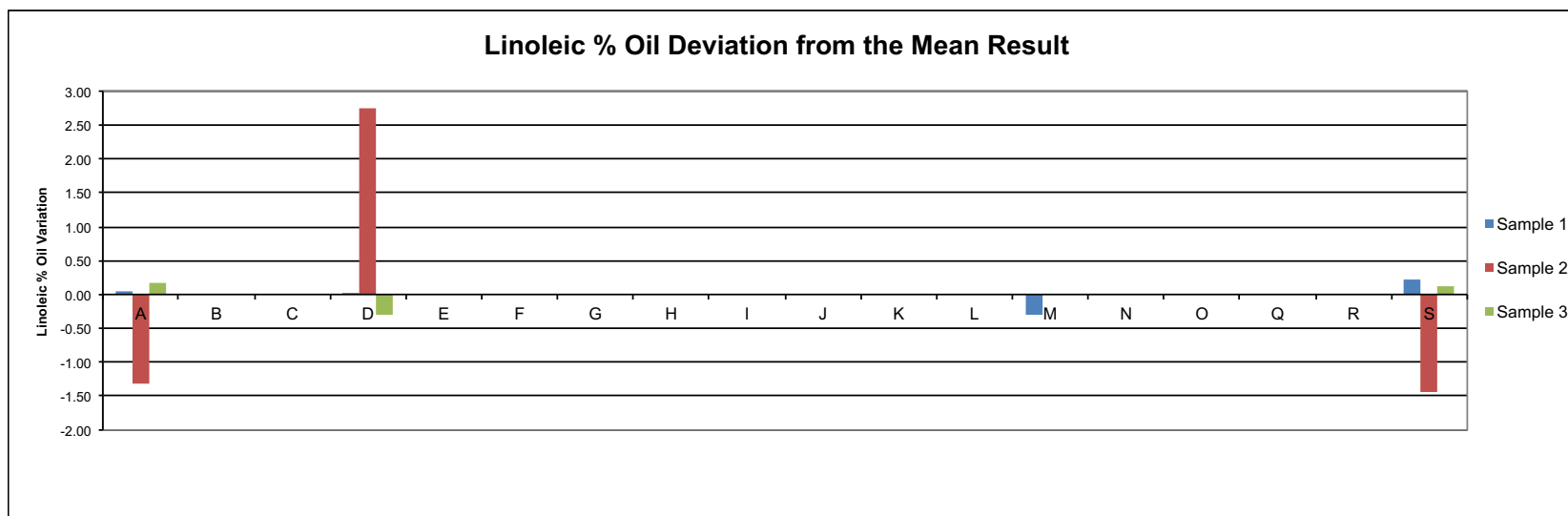
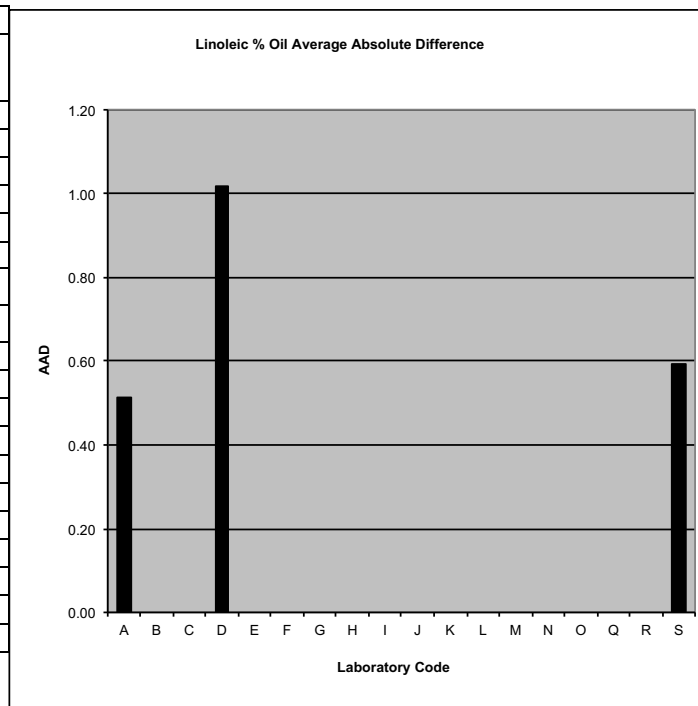
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	51.87	-0.56	59.75	-0.86	58.87	-1.06	-0.83	0.83
B								
C								
D	53.10	0.68	61.00	0.39	60.55	0.62	0.56	0.56
E								
F								
G								
H								
I								
J								
K								
L								
M	51.48	-0.95						
N								
O								
Q								
R								
S	53.26	0.83	61.09	0.48	60.36	0.43	0.58	0.58
MEAN	52.42		60.61		59.93			0.66
STDEV	0.89		0.75		0.92			



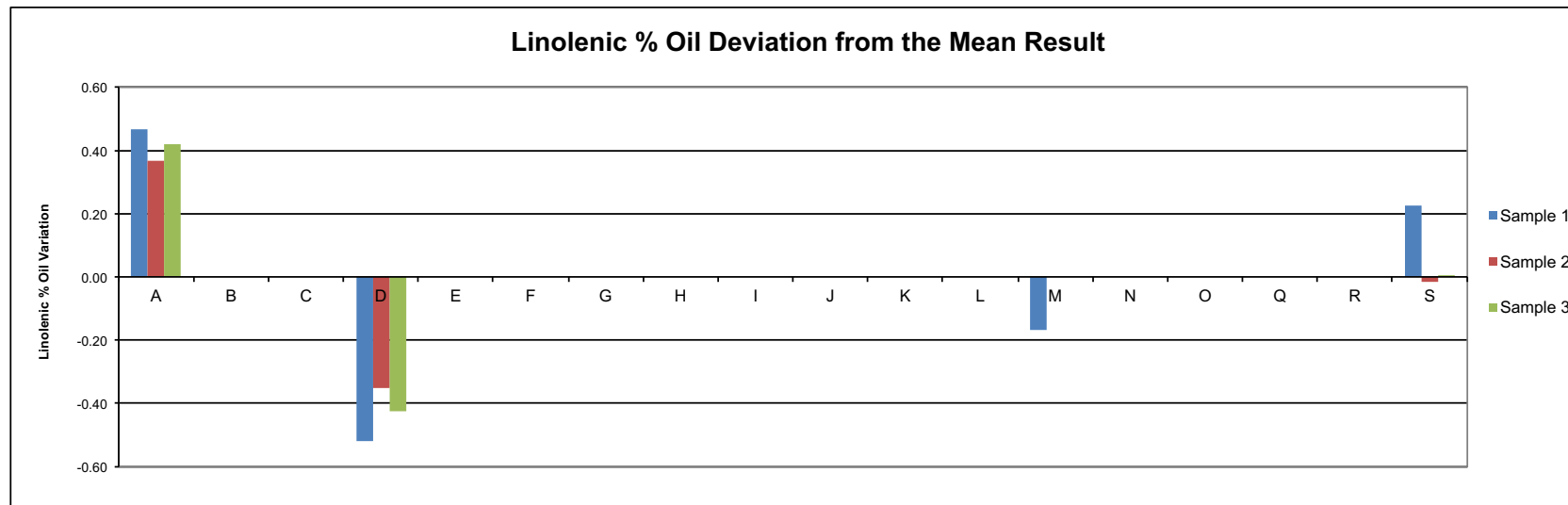
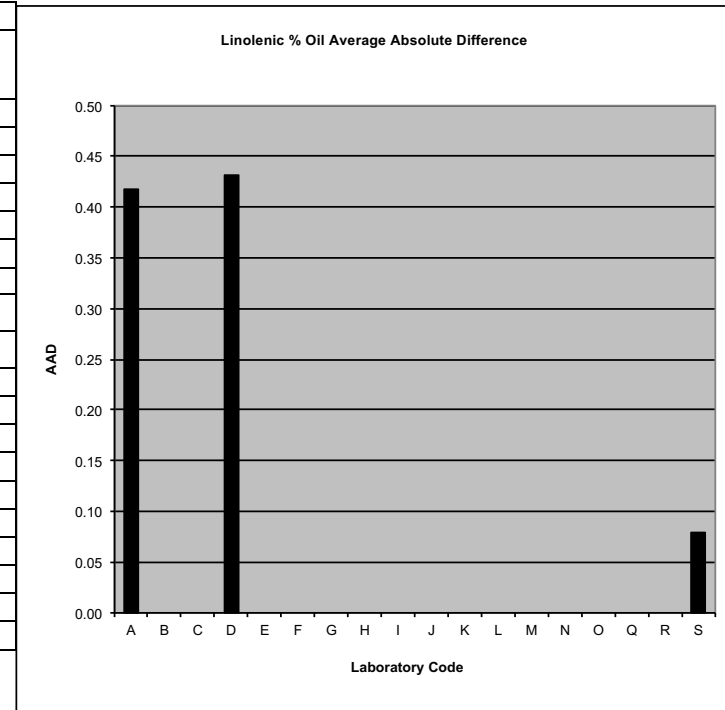
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Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	25.94	0.05	21.88	-1.32	22.61	0.17	-0.37	0.51
B								
C								
D	25.90	0.01	25.95	2.76	22.15	-0.29	0.83	1.02
E								
F								
G								
H								
I								
J								
K								
L								
M	25.60	-0.29						
N								
O								
Q								
R								
S	26.12	0.23	21.76	-1.44	22.56	0.12	-0.36	0.59
MEAN	25.89		23.20		22.44			0.71
STDEV	0.22		2.39		0.25			



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Linolenic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	12.54	0.47	10.22	0.37	10.10	0.42	0.42	0.42
B								
C								
D	11.55	-0.52	9.50	-0.35	9.25	-0.42	-0.43	0.43
E								
F								
G								
H								
I								
J								
K								
L								
M	11.90	-0.17						
N								
O								
Q								
R								
S	12.30	0.23	9.84	-0.01	9.68	0.00	0.07	0.08
MEAN	12.07		9.85		9.67			0.31
STDEV	0.43		0.36		0.42			



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Free Fatty Acid % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.23	-0.28	0.07	-0.16	0.07	-0.16	-0.20	0.20
B								
C								
D	0.98	0.47	0.39	0.16	0.48	0.25	0.29	0.29
E								
F								
G								
H								
I								
J	0.66	0.15	0.29	0.06	0.28	0.05	0.09	0.09
K								
L								
M	0.48	-0.03						
N								
O	0.30	-0.21	0.11	-0.12	0.11	-0.12	-0.15	0.15
Q								
R								
S	0.42	-0.09	0.29	0.06	0.21	-0.02	-0.02	0.06
MEAN	0.51		0.23		0.23			0.16
STDEV	0.28		0.13		0.16			

